Element-based Type-I Error, Power and ROC Curve Figures

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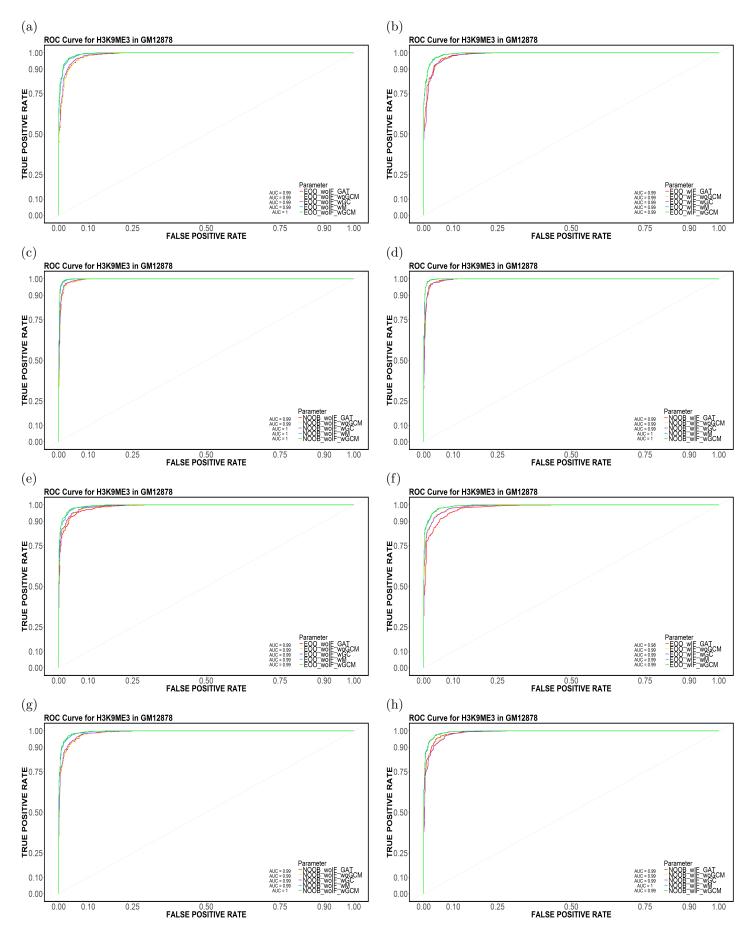


Figure 1: Element-based ROC curves for H3K9ME3 in GM12878 under (a,b) (EOO,CompletelyDiscard,Top5) (c,d) (NOOB,CompletelyDiscard,Top5) (e,f) (EOO,TakeTheLongest,Top20) (g,h) (NOOB,TakeTheLongest,Top20) settings.

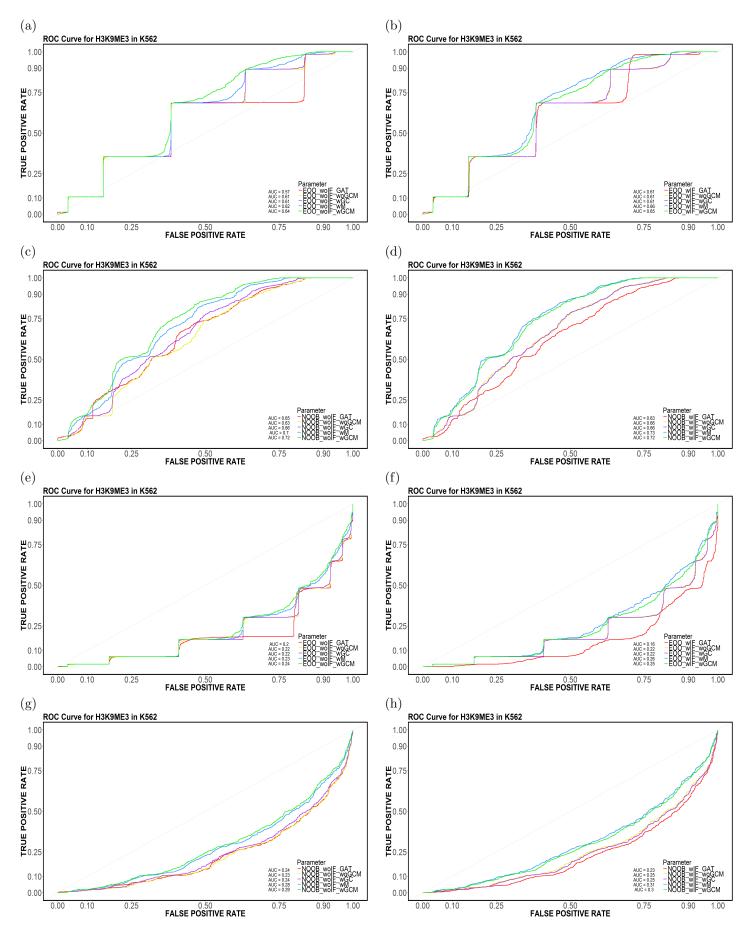


Figure 2: Element-based ROC curves for H3K9ME3 in K562 under (a,b) (EOO,CompletelyDiscard,Top5) (c,d) (NOOB,CompletelyDiscard,Top5) (e,f) (EOO,TakeTheLongest,Top20) (g,h) (NOOB,TakeTheLongest,Top20) settings.

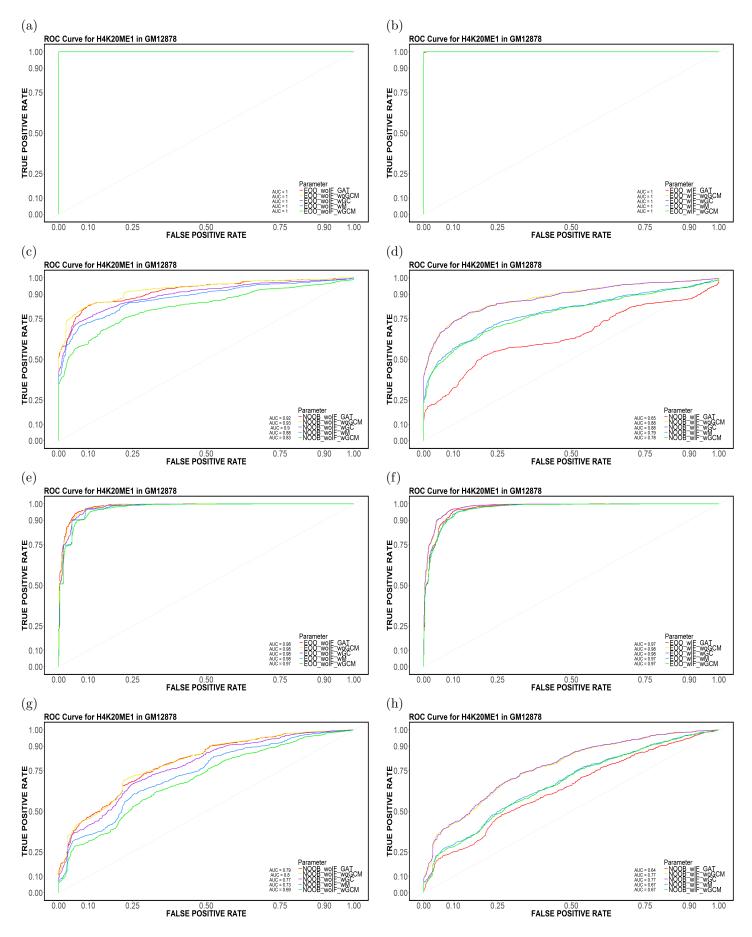


Figure 3: Element-based ROC curves for H4K20ME1 in GM12878 under (a,b) (EOO,CompletelyDiscard,Top5) (c,d) (NOOB,CompletelyDiscard,Top5) (e,f) (EOO,TakeTheLongest,Top20) (g,h) (NOOB,TakeTheLongest,Top20) settings.

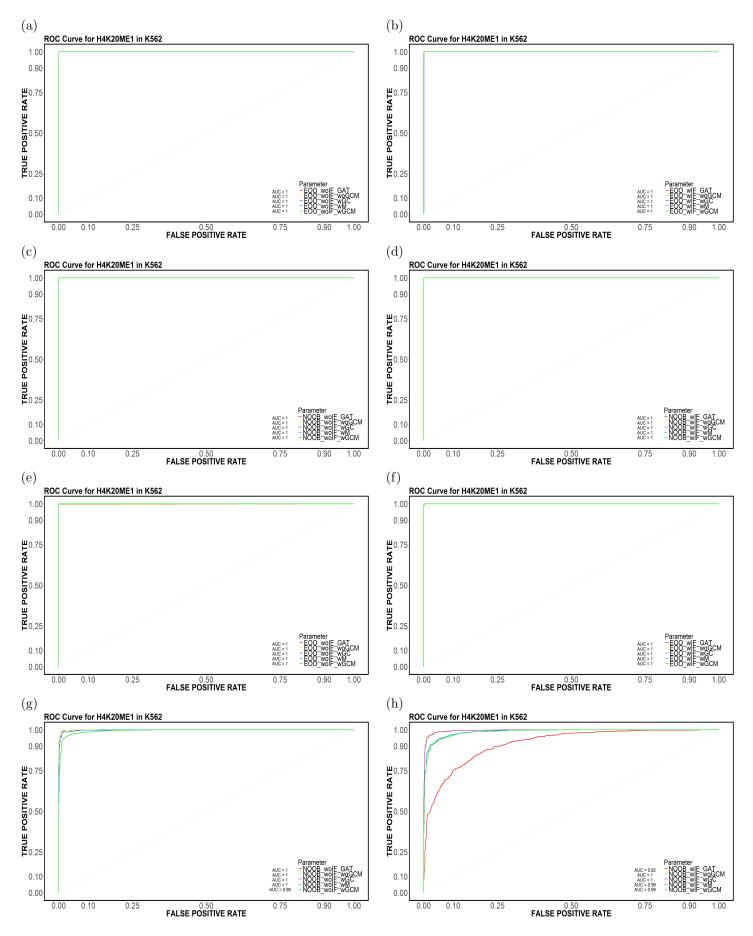


Figure 4: Element-based ROC curves for H4K20ME1 in K562 under (a,b) (EOO,CompletelyDiscard,Top5) (c,d) (NOOB,CompletelyDiscard,Top5) (e,f) (EOO,TakeTheLongest,Top20) (g,h) (NOOB,TakeTheLongest,Top20) settings.

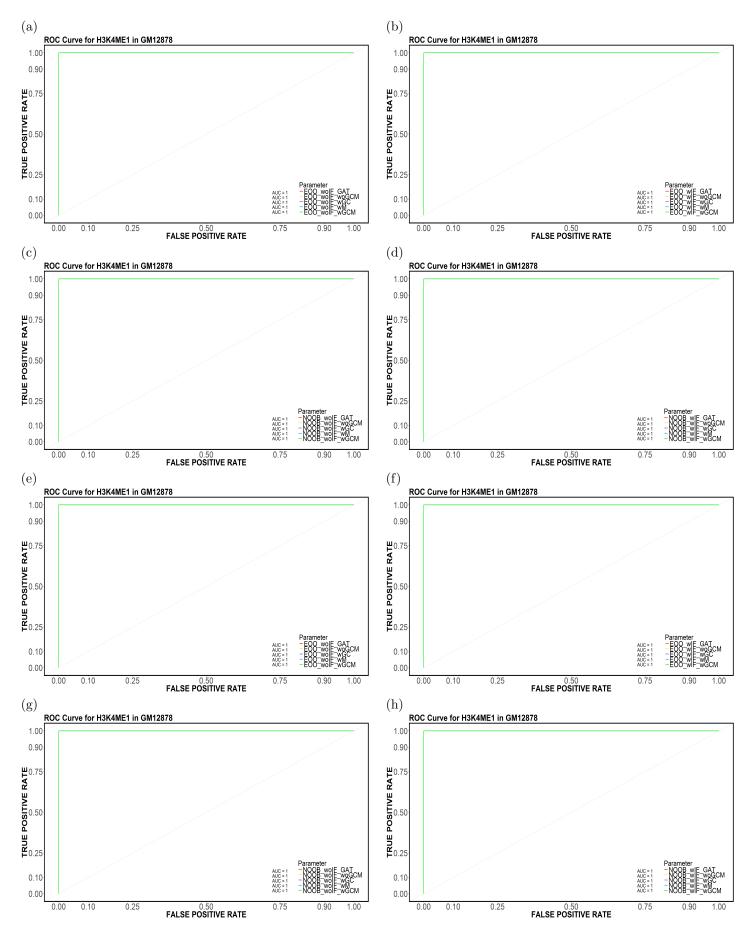


Figure 5: Element-based ROC curves for H3K4ME1 in GM12878 under (a,b) (EOO,CompletelyDiscard,Top5) (c,d) (NOOB,CompletelyDiscard,Top5) (e,f) (EOO,TakeTheLongest,Top20) (g,h) (NOOB,TakeTheLongest,Top20) settings.

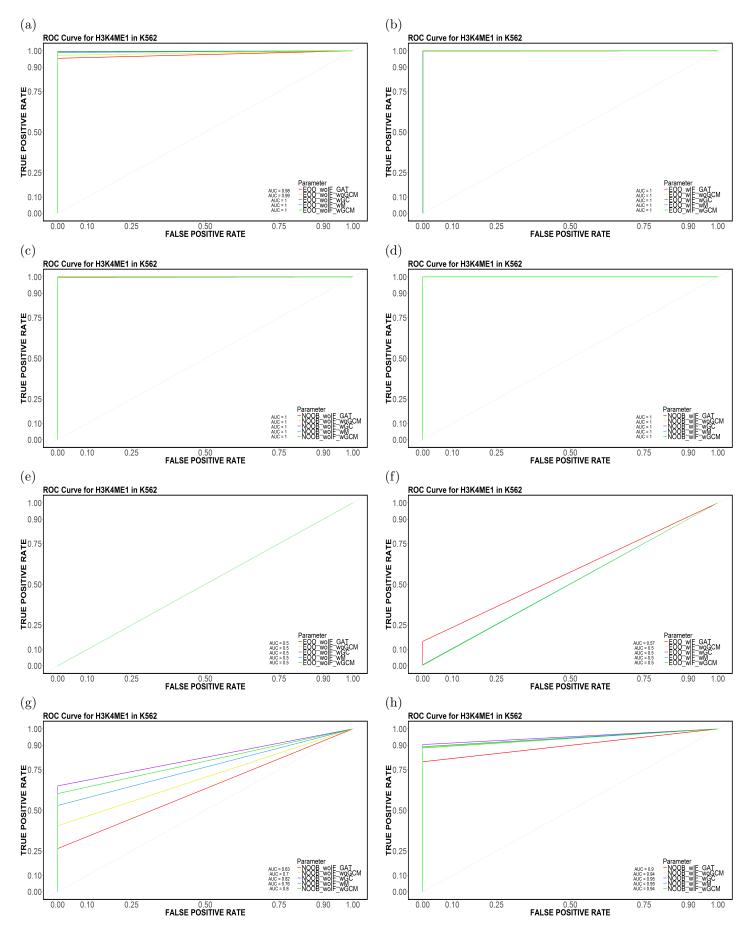


Figure 6: Element-based ROC curves for H3K4ME1 in K562 under (a,b) (EOO,CompletelyDiscard,Top5) (c,d) (NOOB,CompletelyDiscard,Top5) (e,f) (EOO,TakeTheLongest,Top20) (g,h) (NOOB,TakeTheLongest,Top20) settings.

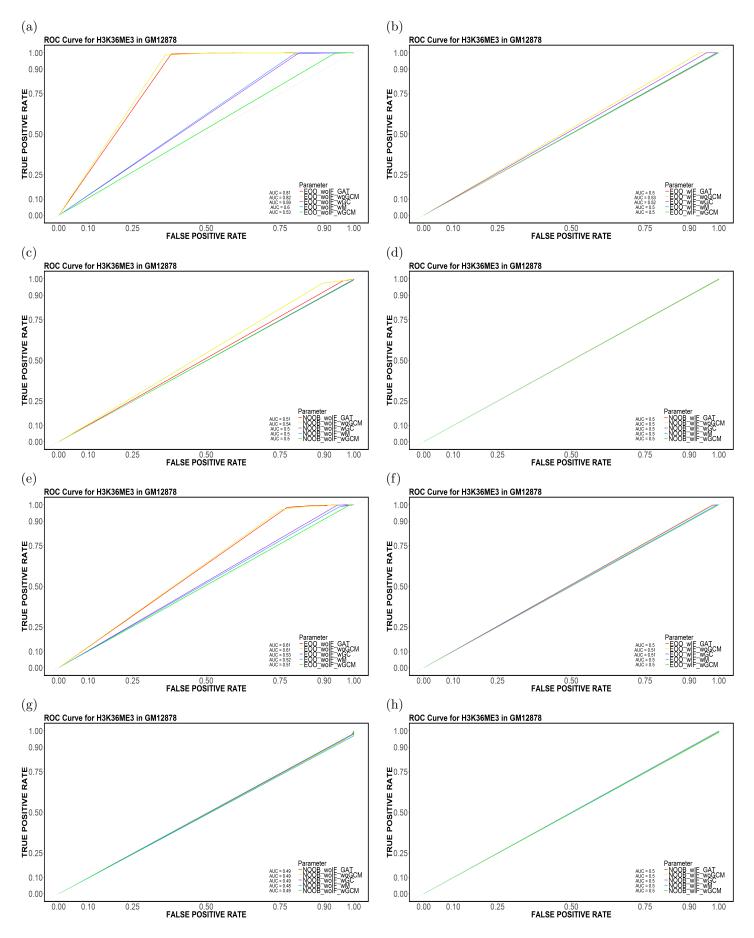


Figure 7: Element-based ROC curves for H3K36ME3 in GM12878 under (a,b) (EOO,CompletelyDiscard,Top5) (c,d) (NOOB,CompletelyDiscard,Top5) (e,f) (EOO,TakeTheLongest,Top20) (g,h) (NOOB,TakeTheLongest,Top20) settings.

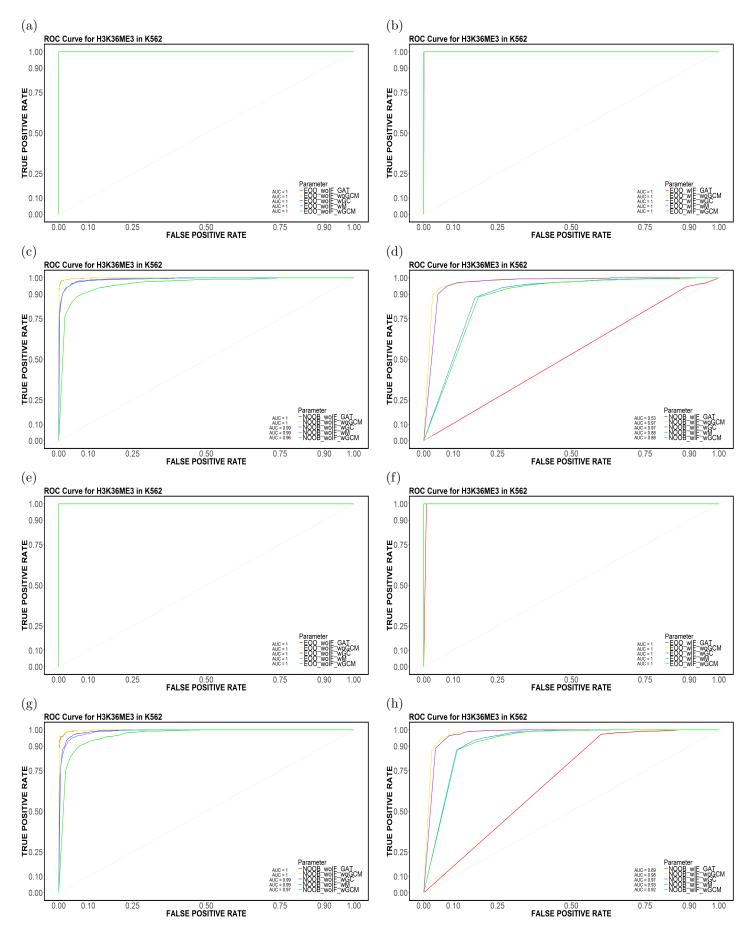


Figure 8: Element-based ROC curves for H3K36ME3 in K562 under (a,b) (EOO,CompletelyDiscard,Top5) (c,d) (NOOB,CompletelyDiscard,Top5) (e,f) (EOO,TakeTheLongest,Top20) (g,h) (NOOB,TakeTheLongest,Top20) settings.

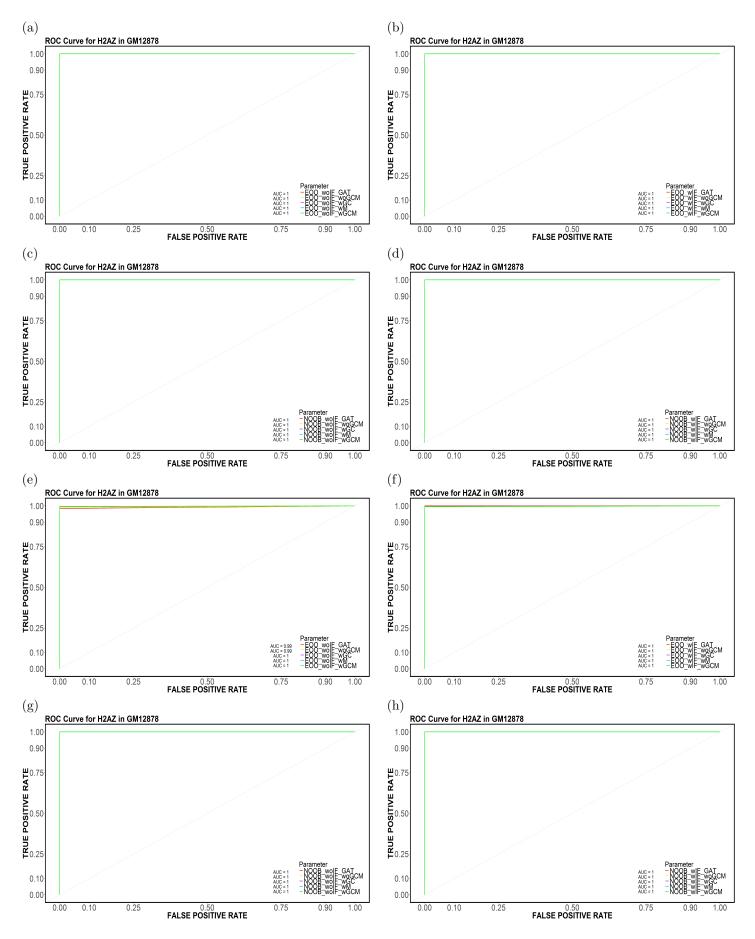


Figure 9: Element-based ROC curves for H2AZ in GM12878 under (a,b) (EOO,CompletelyDiscard,Top5) (c,d) (NOOB,CompletelyDiscard,Top5) (e,f) (EOO,TakeTheLongest,Top20) (g,h) (NOOB,TakeTheLongest,Top20) settings.

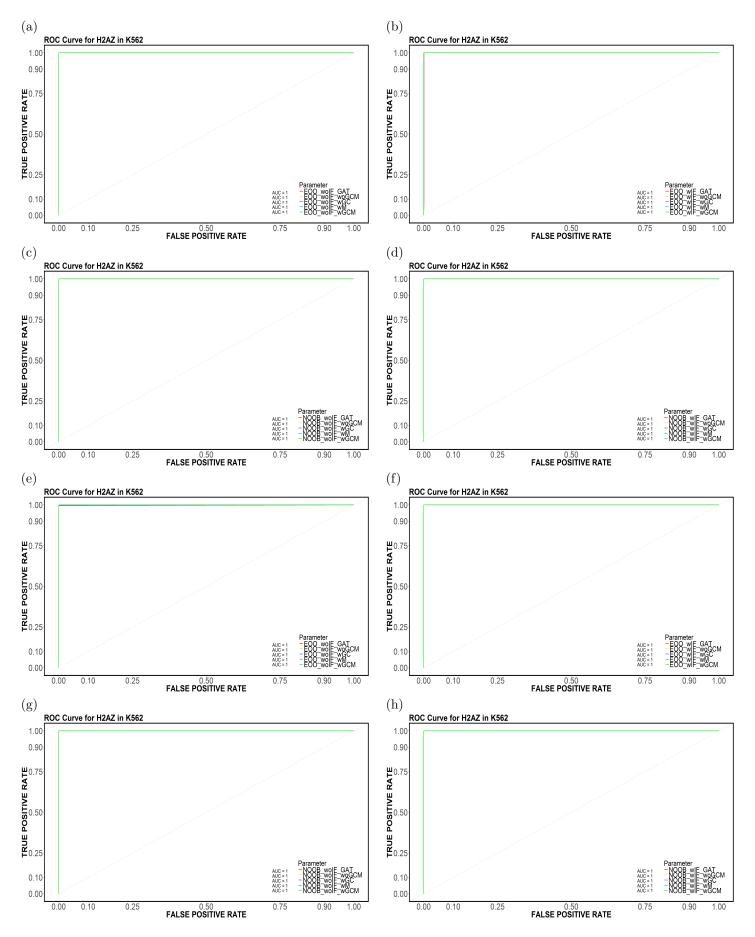


Figure 10: Element-based ROC curves for H2AZ in K562 under (a,b) (EOO,CompletelyDiscard,Top5) (c,d) (NOOB,CompletelyDiscard,Top5) (e,f) (EOO,TakeTheLongest,Top20) (g,h) (NOOB,TakeTheLongest,Top20) settings.

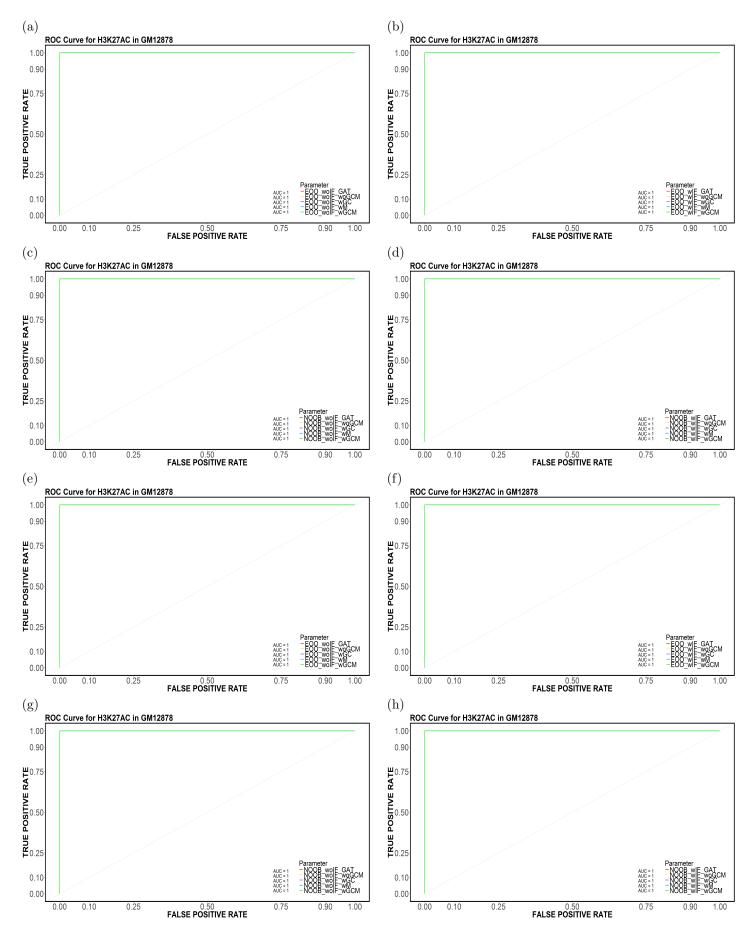


Figure 11: Element-based ROC curves for H3K27AC in GM12878 under (a,b) (EOO,CompletelyDiscard,Top5) (c,d) (NOOB,CompletelyDiscard,Top5) (e,f) (EOO,TakeTheLongest,Top20) (g,h) (NOOB,TakeTheLongest,Top20) settings.

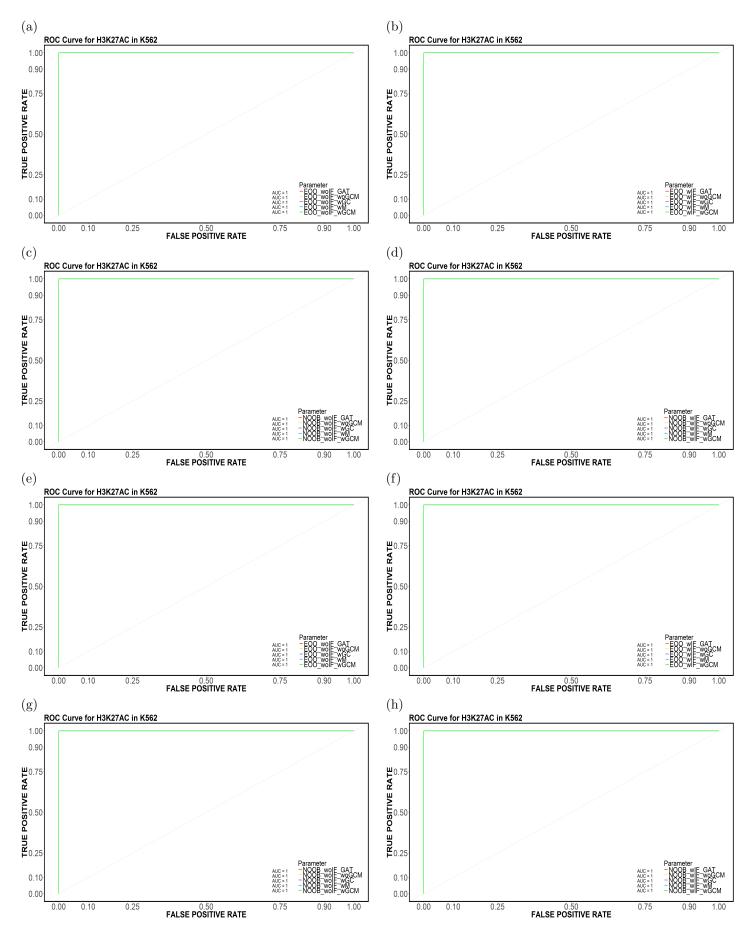


Figure 12: Element-based ROC curves for H3K27AC in K562 under (a,b) (EOO,CompletelyDiscard,Top5) (c,d) (NOOB,CompletelyDiscard,Top5) (e,f) (EOO,TakeTheLongest,Top20) (g,h) (NOOB,TakeTheLongest,Top20) settings.

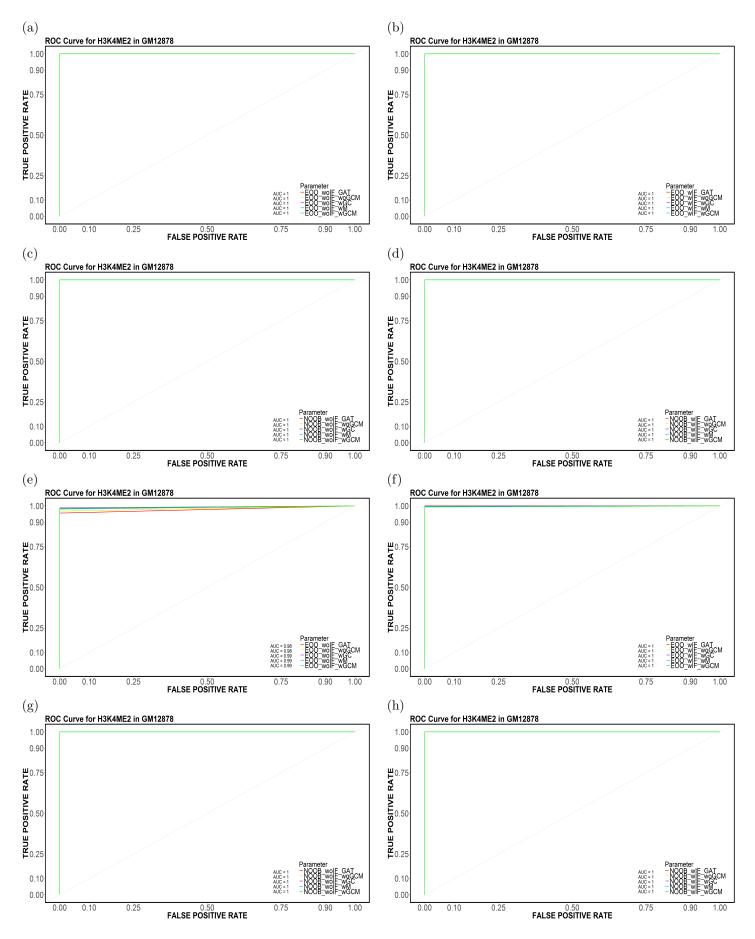


Figure 13: Element-based ROC curves for H3K4ME2 in GM12878 under (a,b) (EOO,CompletelyDiscard,Top5) (c,d) (NOOB,CompletelyDiscard,Top5) (e,f) (EOO,TakeTheLongest,Top20) (g,h) (NOOB,TakeTheLongest,Top20) settings.

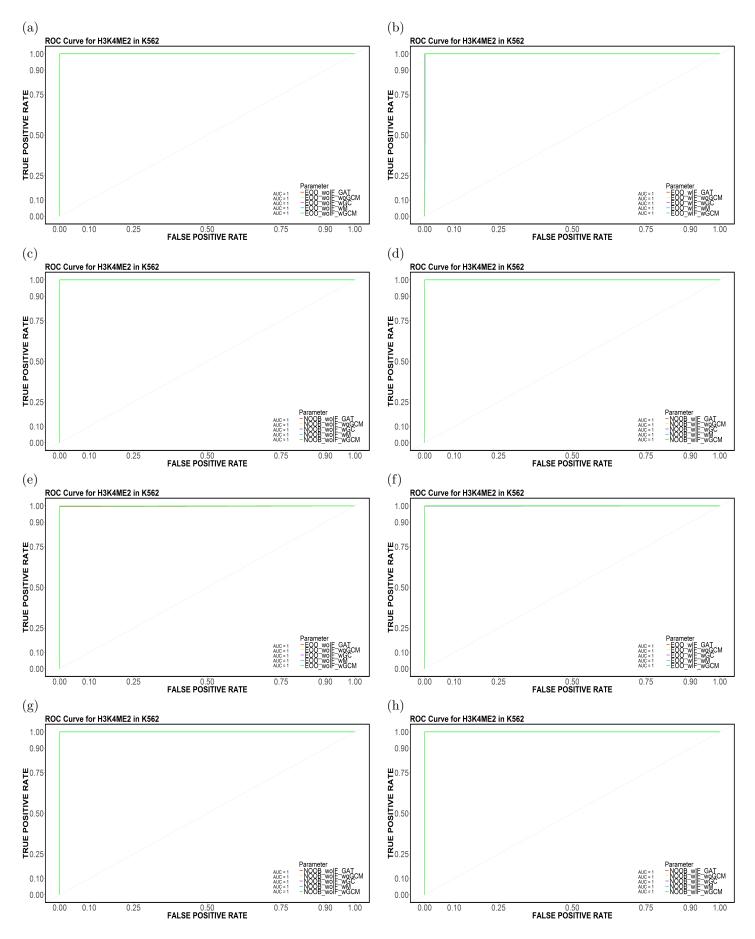


Figure 14: Element-based ROC curves for H3K4ME2 in K562 under (a,b) (EOO,CompletelyDiscard,Top5) (c,d) (NOOB,CompletelyDiscard,Top5) (e,f) (EOO,TakeTheLongest,Top20) (g,h) (NOOB,TakeTheLongest,Top20) settings.

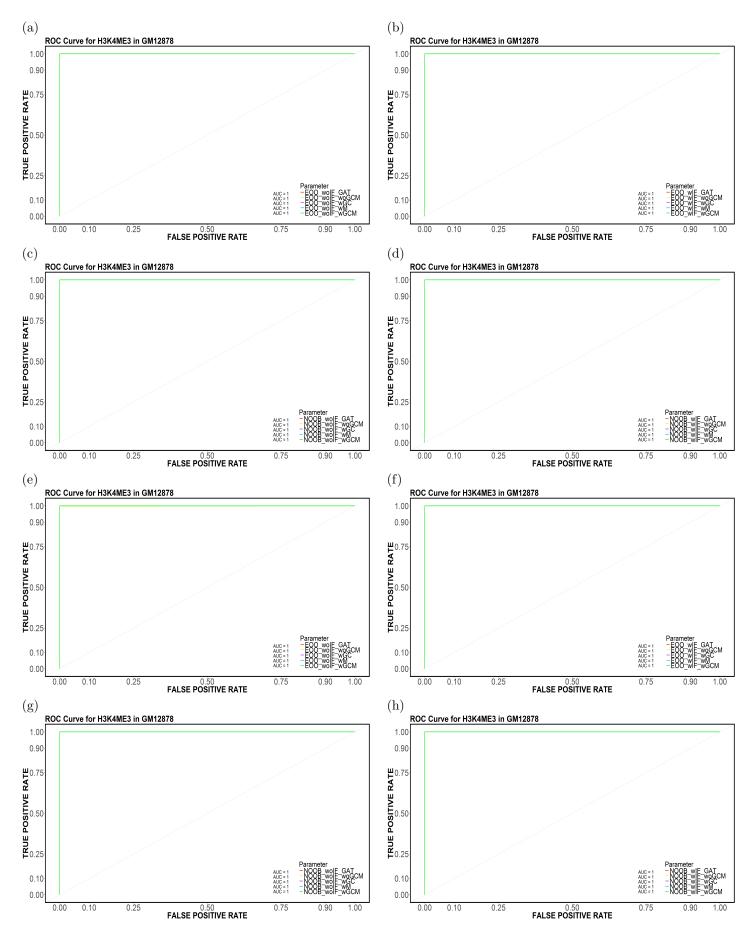


Figure 15: Element-based ROC curves for H3K4ME3 in GM12878 under (a,b) (EOO,CompletelyDiscard,Top5) (c,d) (NOOB,CompletelyDiscard,Top5) (e,f) (EOO,TakeTheLongest,Top20) (g,h) (NOOB,TakeTheLongest,Top20) settings.

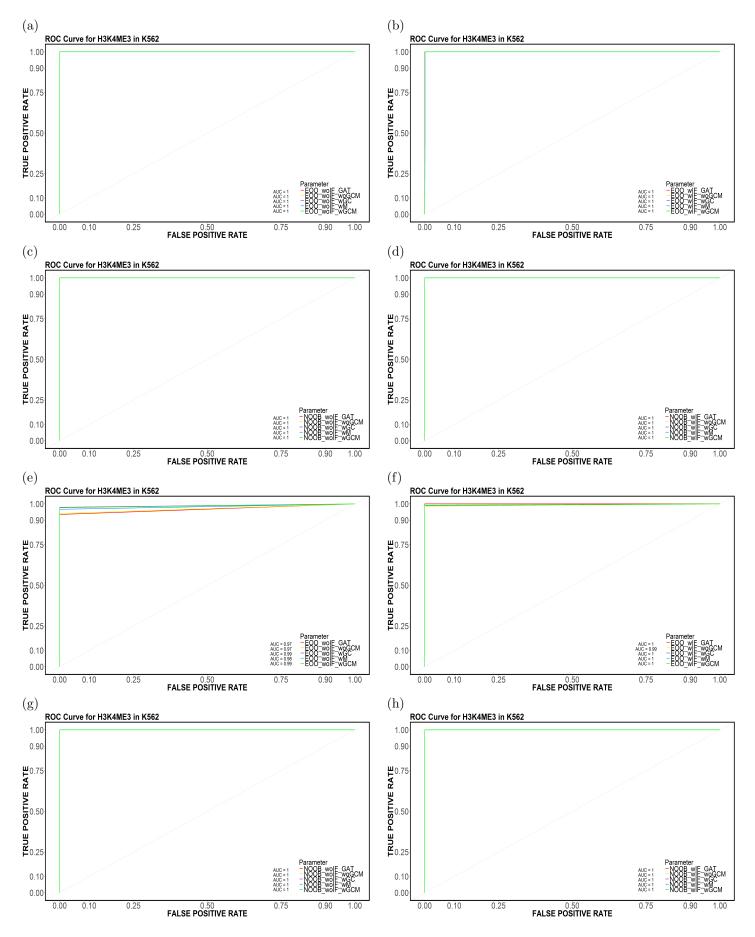


Figure 16: Element-based ROC curves for H3K4ME3 in K562 under (a,b) (EOO,CompletelyDiscard,Top5) (c,d) (NOOB,CompletelyDiscard,Top5) (e,f) (EOO,TakeTheLongest,Top20) (g,h) (NOOB,TakeTheLongest,Top20) settings.

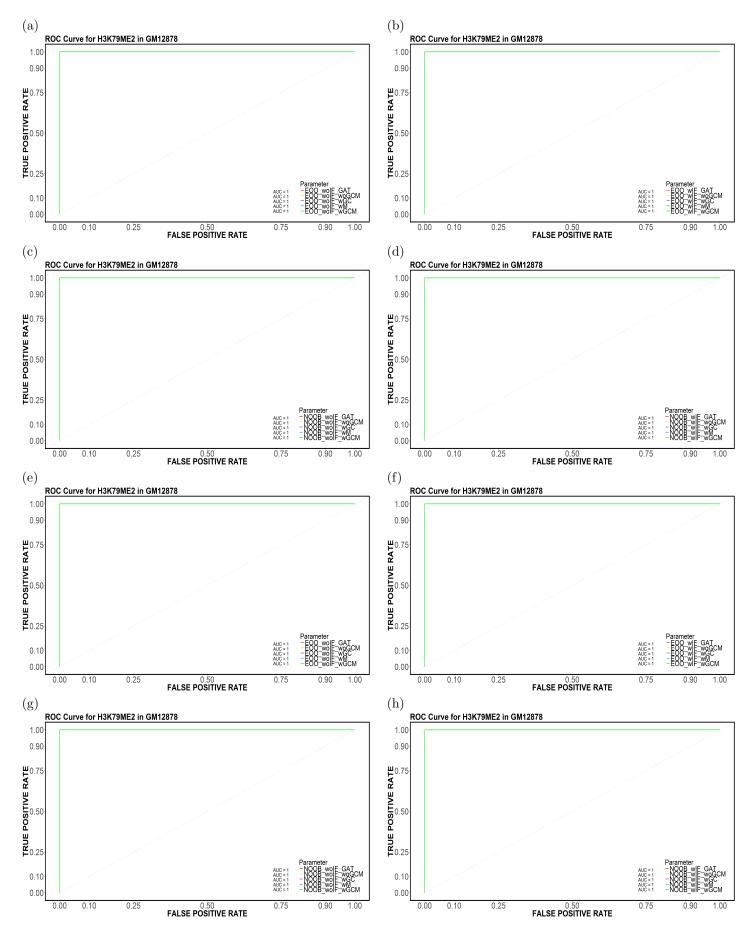


Figure 17: Element-based ROC curves for H3K79ME2 in GM12878 under (a,b) (EOO,CompletelyDiscard,Top5) (c,d) (NOOB,CompletelyDiscard,Top5) (e,f) (EOO,TakeTheLongest,Top20) (g,h) (NOOB,TakeTheLongest,Top20) settings.

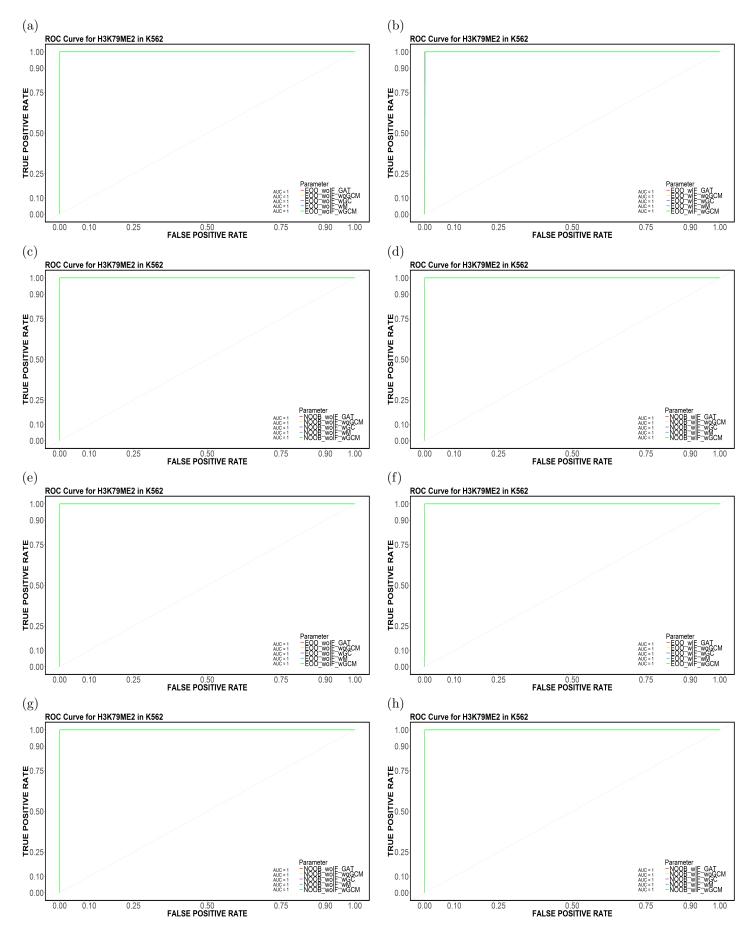


Figure 18: Element-based ROC curves for H3K79ME2 in K562 under (a,b) (EOO,CompletelyDiscard,Top5) (c,d) (NOOB,CompletelyDiscard,Top5) (e,f) (EOO,TakeTheLongest,Top20) (g,h) (NOOB,TakeTheLongest,Top20) settings.

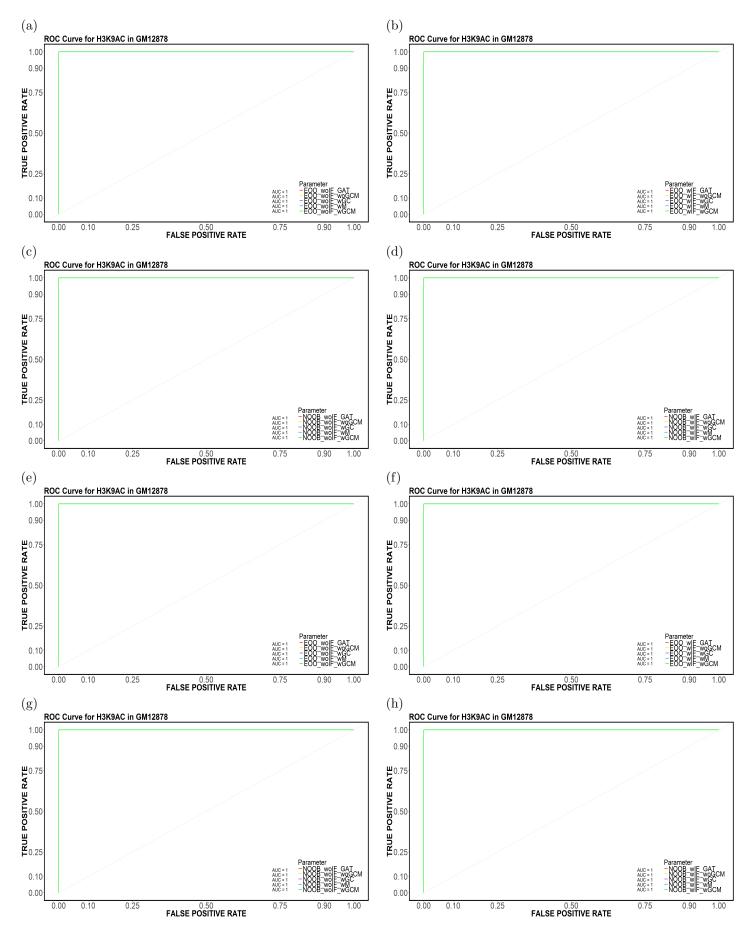


Figure 19: Element-based ROC curves for H3K9AC in GM12878 under (a,b) (EOO,CompletelyDiscard,Top5) (c,d) (NOOB,CompletelyDiscard,Top5) (e,f) (EOO,TakeTheLongest,Top20) (g,h) (NOOB,TakeTheLongest,Top20) settings.

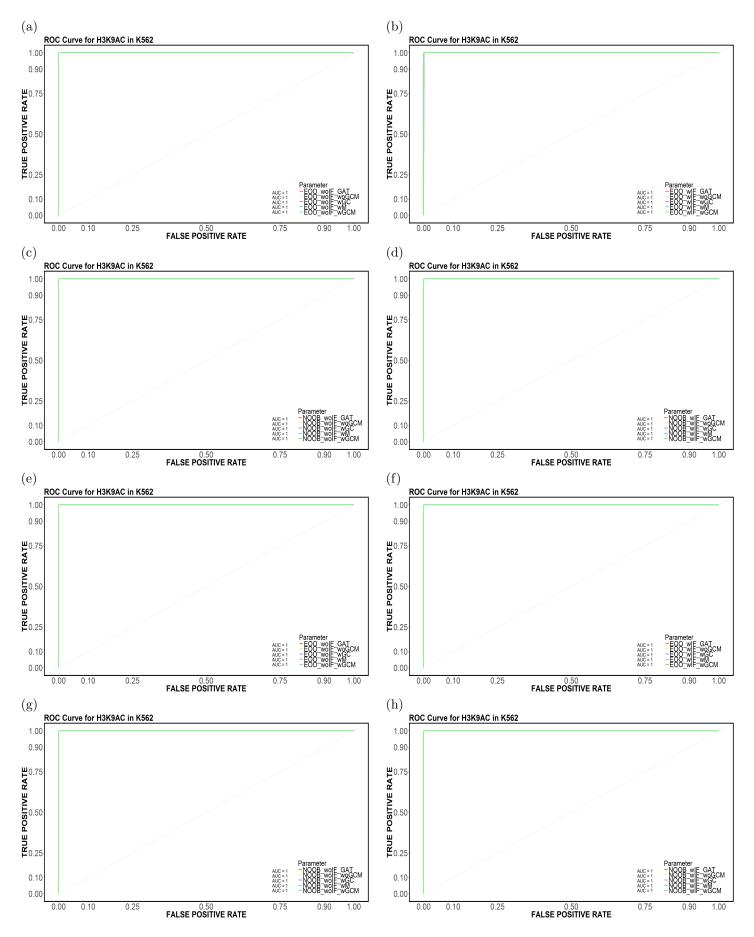


Figure 20: Element-based ROC curves for H3K9AC in K562 under (a,b) (EOO,CompletelyDiscard,Top5) (c,d) (NOOB,CompletelyDiscard,Top5) (e,f) (EOO,TakeTheLongest,Top20) (g,h) (NOOB,TakeTheLongest,Top20) settings.

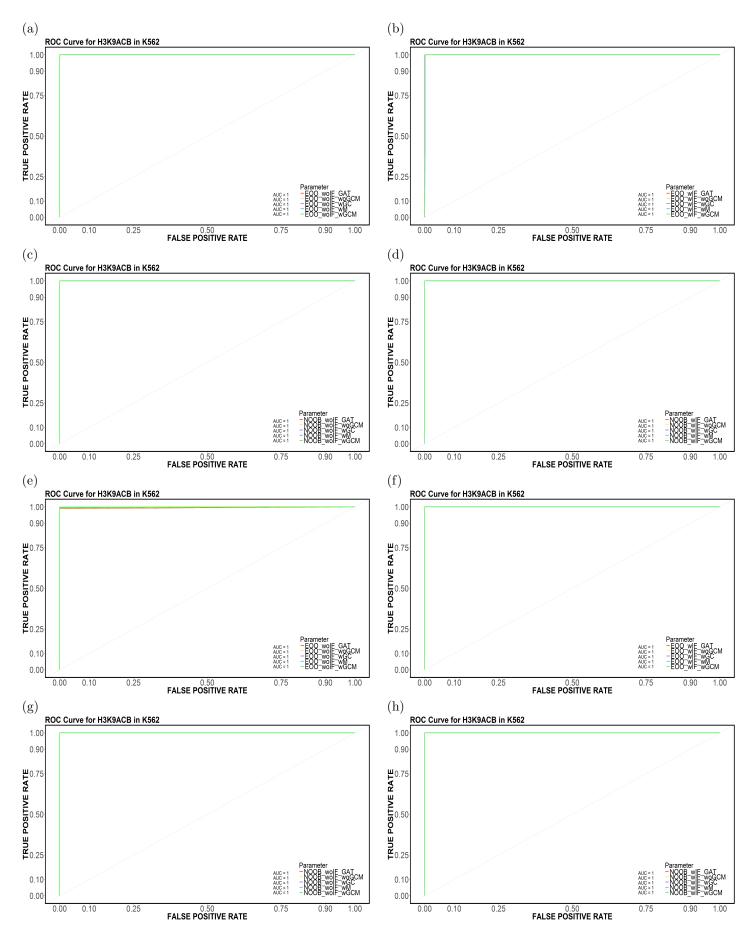


Figure 21: Element-based ROC curves for H3K9ACB in K562 under (a,b) (EOO,CompletelyDiscard,Top5) (c,d) (NOOB,CompletelyDiscard,Top5) (e,f) (EOO,TakeTheLongest,Top20) (g,h) (NOOB,TakeTheLongest,Top20) settings.

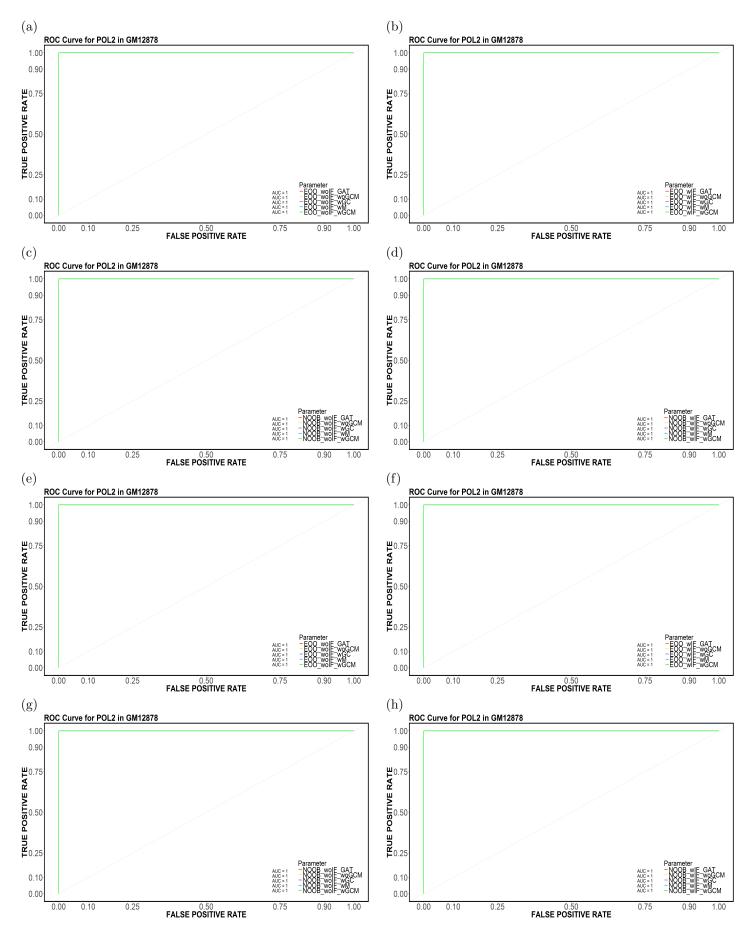


Figure 22: Element-based ROC curves for POL2 in GM12878 under (a,b) (EOO,CompletelyDiscard,Top5) (c,d) (NOOB,CompletelyDiscard,Top5) (e,f) (EOO,TakeTheLongest,Top20) (g,h) (NOOB,TakeTheLongest,Top20) settings.

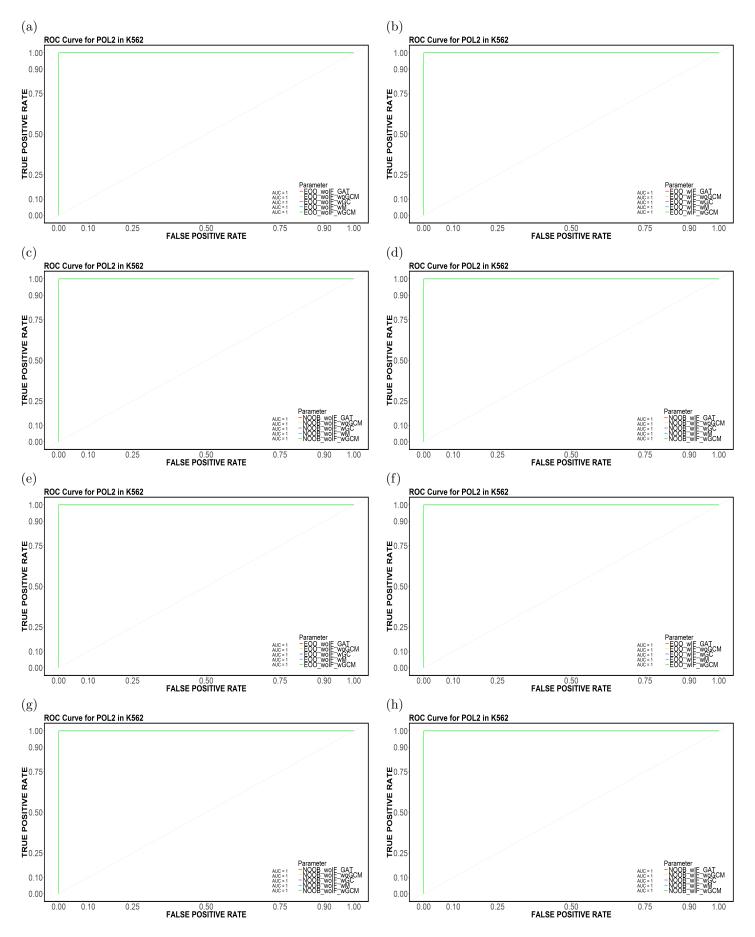


Figure 23: Element-based ROC curves for POL2 in K562 under (a,b) (EOO,CompletelyDiscard,Top5) (c,d) (NOOB,CompletelyDiscard,Top5) (e,f) (EOO,TakeTheLongest,Top20) (g,h) (NOOB,TakeTheLongest,Top20) settings.

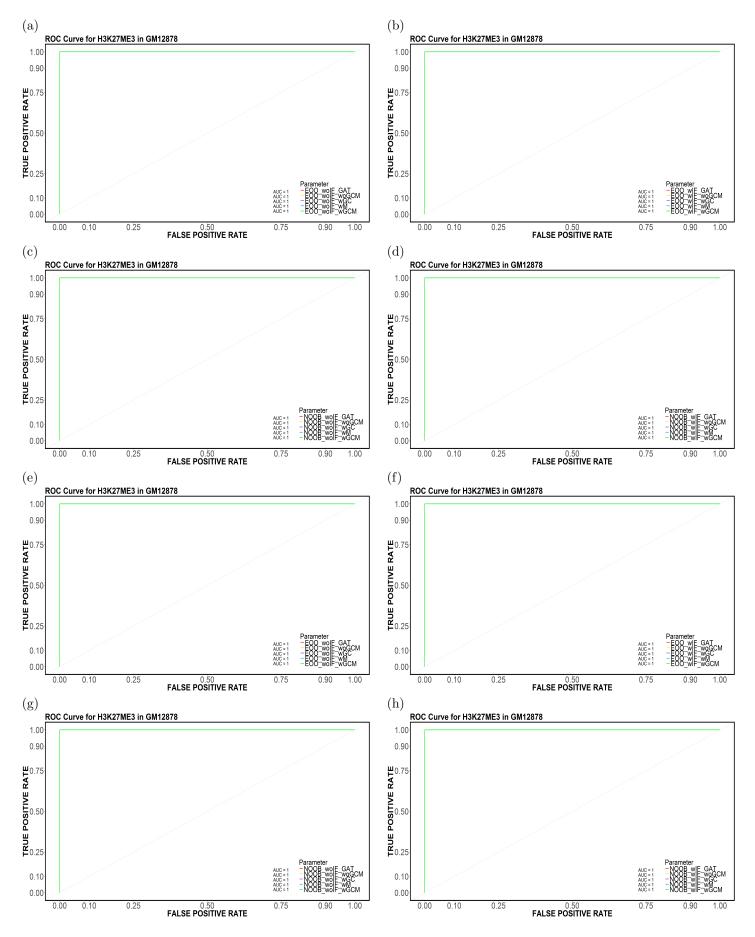


Figure 24: Element-based ROC curves for H3K27ME3 in GM12878 under (a,b) (EOO,CompletelyDiscard,Top5) (c,d) (NOOB,CompletelyDiscard,Top5) (e,f) (EOO,TakeTheLongest,Top20) (g,h) (NOOB,TakeTheLongest,Top20) settings.

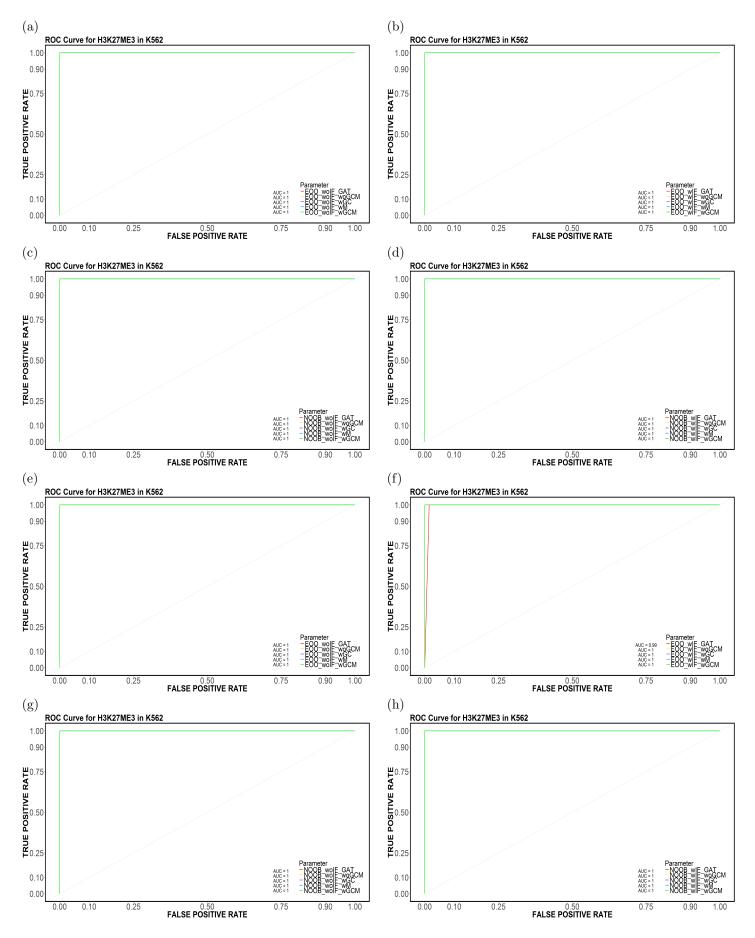


Figure 25: Element-based ROC curves for H3K27ME3 in K562 under (a,b) (EOO,CompletelyDiscard,Top5) (c,d) (NOOB,CompletelyDiscard,Top5) (e,f) (EOO,TakeTheLongest,Top20) (g,h) (NOOB,TakeTheLongest,Top20) settings.